COMPRO TECHNOLOGY

DATASHEET

TN900R/TN900RW

IR Remote Controller / Temperature Sensor / 720P HD / H.264 / IR LEDs / ICR / microSD
Indoor PTZ Cloud Network Camera

- 720P HD resolution
- Motorized Pan / Tilt / Digital Zoom control from smartphone / tablet
- H.264 and MJPEG dual streams
- Day / Night functionality with built-in IR LEDs and ICR
- Built-in IR receiver and transmitter for home appliances remote control
- Built-in temperature sensor
- Exclusive C4Home cloud app
- microSD/SDHC slot
- Push Notification and Audio Alarm
- 10x digital zoom
- 2-way audio with built-in microphone and speaker
- Over the Air Firmware Update
- Share video and private mode
- Dropbox cloud storage support
- Upgradable Compro 802.11n USB wireless adapter

Compro TN900R is the 720P HD quality C4Home cloud network camera with IR remote controller feature integrated. Users can remote control home appliances such as TV, BD/DVD, home theater, air conditioner and others from remote location anytime, anywhere with smartphone or tablet. More than this, the TN900R built-in temperature sensor to detect the temperature in your room and send alert notice to your mobile device for advance controls.

High Quality Megapixel/720P HD Image

With HD technology, TN900R lets you view details and identify people and objects better than the on a conventional CCTV camera. The 1280x720 resolution allows TN900R to capture video from a wide area, effectively reducing the number of cameras required in video surveillance network.

Remote Control Your Home Appliances

The TN900R built-in IR transmitter and receiver. You can easily login the C4home cloud service to control your home appliances from your smartphone or tablet. TN900R over other network remote control devices are the entire remote control operation is with live video so that users can see and confirm success of the operation without mistakes. Also, the 340 degree Pan and 100 degree Tilt design of the TN900R adds extra flexibility to avoid possible dead angles.

Room Temperature Sensing

TN900R built-in temperature sensor to detect the current temperature in your room, and send alert notice to your mobile device when it's too hot or cold. Then you can easy to turn/off the air conditioner or heater for better temperature controls.

Easy Installation and Setup

The camera is so easy to set up that even novice users can complete the setup in seconds. Unlike other network cameras, installing this camera does not require any networking expertise. Nor is any sort of router setup required - simply plug-in the cables, scan QR code for mobile app and camera install, and then your TN900R camera is ready to be viewed and shared on the Internet.

IR LEDs, ICR with 24/7 Surveillance

TN900R features a unique design of its class integrating a professional-grade ambient light sensor, IR-cut filter and IR LEDs for round-the-clock surveillance under any lighting condition. The light sensor detects environmental lighting conditions. When in low-light conditions, the 12 built-in IR LEDs are automatically switched on to provide additional infrared light that help deliver clear night-time image.

Two-way Audio Communication

TN900R provides two-way audio support via a built-in microphone and speaker, allowing you to eavesdrop on the monitored area or broadcast your voice to intruders all from the comfort of your home computer or smartphone.

Intelligent Home Surveillance Solution

Not just cloud monitoring, TN900R offers a wealth of applications to provide an intelligent surveillance solution, such as iWizard and WebVUer. iWizard is a smart installer to turn the complicated network camera installation into a simple and fast process. WebVUer is an intuitive IE-based video management software loaded with all the key features for trouble-free remote monitoring.

802.11n Wireless Connectivity

Upgradable the Compro 802.11 b/g/n wireless adapter to reduces the cable clutter and lets you conveniently install the camera. (TN900RW package includes the USB wireless adapter.)

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CAMERA

Image Sensor	1/3" CMOS progressive scan sensor
Lens	• Focal Length: 4.0 mm • Max Aperture Ratio: F1.5 • Fixed iris and ICR
Pan Range	340 degree
Tilt Range	100 degree
Max Speed	Pan 39.6 degree/Sec., Tilt 54 degree/Sec.
Zoom	10x digital zoom
Focusing Range	0.5m ~ INF
Minimum Illumination	• IR Mode: 0 lux with built-in IR LEDs on (11 LEDs in total; effective distance up to 10m) • Color Mode: 1.0 lux
Shutter Time	1/5 ~ 1/16000 Sec.

VIDEO

Compression	H.264 (MPEG-4 Part 10), MJPEG
Resolutions	160x120, 320x240, 640x480, 1280x720
Frame Rate	Up to 30 FPS at 1280x720
Image Settings	• Adjustable image size and quality • AGC, AWB, AES • Configurable brightness, contrast, saturation and sharpness

AUDIO

Audio Communication	Two-way audio with built-in MIC and speaker
Audio compression	G.711 PCM 64Kbit/sec, AAC
Audio input / output	MIC input / Audio output

NETWORK

Wireless LAN	Optional Compro 802.11 b/g/n wireless adapter
Security	• User name / password protection • WEP/WPA/WPA2 encryption (wireless network)
Supported Protocols	TCP/IP, HTTP, UDP, FTP, ICMP, ARP, DHCP, NTP, DDNS, DynDNS, UPnP, RTP, RTSP, RTCP, SMTP, IGMP, 3GPP, IPv4, 802.1x
Ethernet	10/100 Base-T, autosensing, RJ-45

IR REMOTE CONTROLLER

IR Transmitter	• Distance: 10m (straight line) • Support IR protocols: NEC, SONY code
IR Receiver	• Remote control keys learning • Distance: 6m (135° Vertical, 90° horizontal) • Receiver carrier frequency: 36~40KHz

WEB BROWSER

WebVUer	• PC, laptop, tablet with IE8 or above to remote viewing, pan/tilt camera, 2-way audio, PC recording, snapshots and camera settings • Non-IE browser requires VLC plug-in installed • Mac 10.6 (Live view in MJPEG mode only)
C4Home Web Client	• PC, laptop, tablet with IE8 or above • Non-IE browser requires Java installed

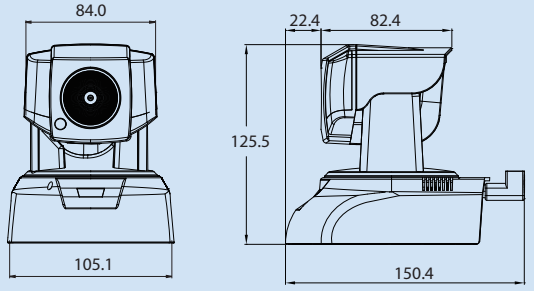
MOBILE MONITOR

C4Home App	Free mobile applications for iPhone and Android • Motion/Audio detection and push notification • Private mode and audio alarm • Mobile pan/tilt, zoom control and preset point • Remote controls home appliances from camera • Temperature detection and alert notification • Over the air firmware update • Dropbox cloud storage for event snapshot • SD card playback for event recording • Share video to others • Watch 4 channels at once (Android/PC only)
MJPEG Mode	Viewing of camera image via phone browsers
3GPP Mode	Viewing of camera image via 3G phones (3GPP Streaming)

GENERAL

Video Surveillance	ComproView 32-channel video management software
Temperature Detection	Built-in temperature sensor
Local Storage	microSD/SDHC slot
Operating Condition	0 °C ~ 40 °C (32 °F ~ 104 °F)
Certification	CE, FCC
Power Supply	DC 5V / 2A
System Requirements	• Intel Core 2 or later CPU with 2GB memory or above • Operating Systems: Windows XP SP3, Vista SP1, Windows 7, Windows 8, Mac OS 10.6 (Live view in MJPEG mode only) • Non-IE browser requires VLC plug-in installed
Package Contents	• Network camera • Software CD (manual included) • Quick installation guide • Power adapter • Wall plate • Ethernet cable • Screws for ceiling mounting • Screw mount • Camera pads • USB wireless adapter (TN900RW)
Dimensions	105.1 x 150.4 x 125.5 mm

Dimensions



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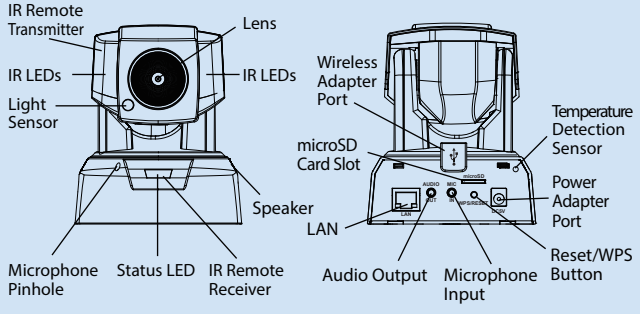

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